Figure A — Magnetic map of the northern Gulf of Alaska
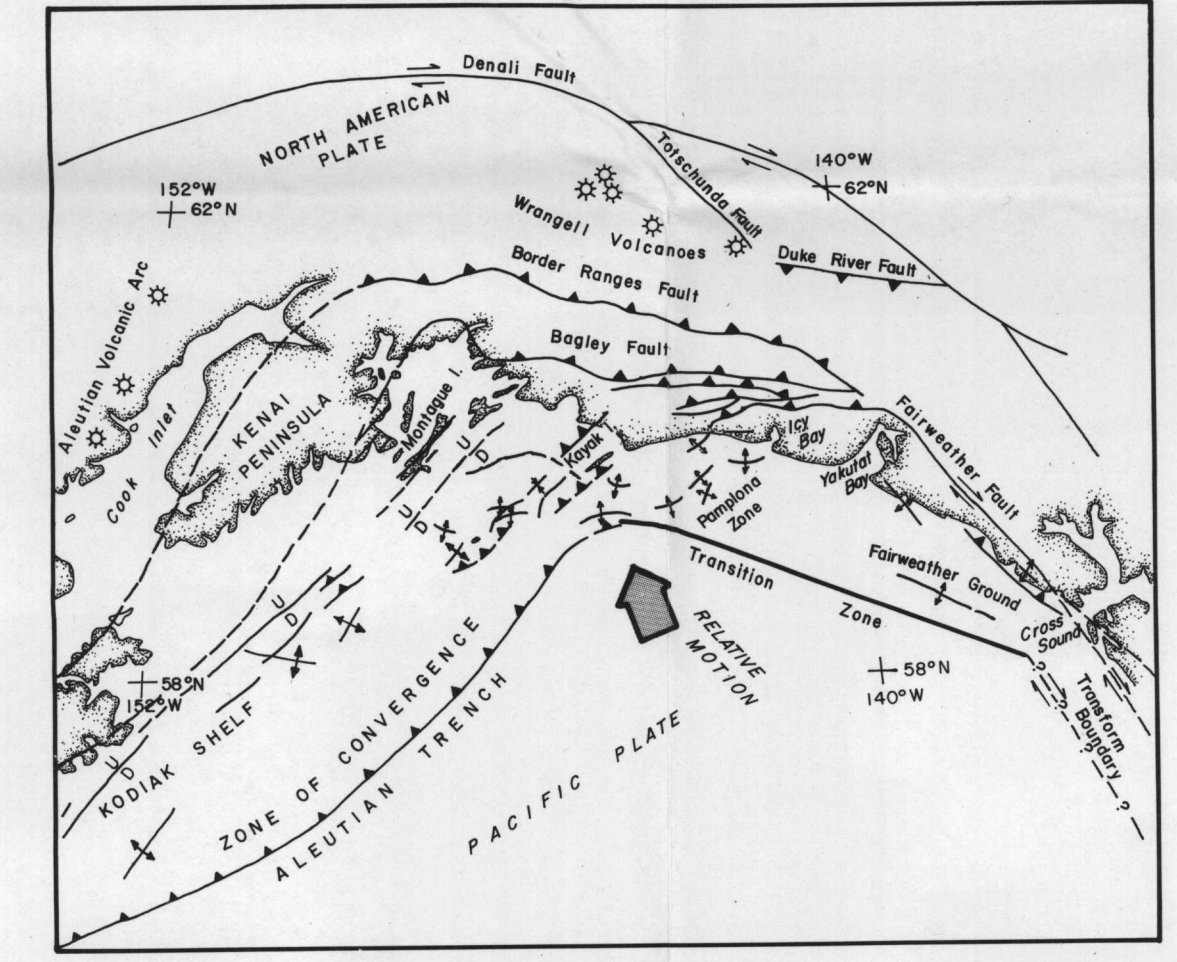
Bathymetry compiled by T.J. Atwood, J.M. Dunlavey, and G.R. Cochrane, 1979-80

Magnetic data compiled by W.C. Schwab and T.R. Bruns, 1979

Figure B — Structural map of the continental shelf, northern Gulf of Alaska (modified from Bruns, 1979)

Figure C — Magnetic lineaments of the northern Gulf of Alaska

Base by U.S. Geological Survey, 1975.
Albers Equal Area Projection

SCALE 1:1 500 000

Figure D — Generalized tectonic setting of the northern Gulf of Alaska (after Bruns, 1979)
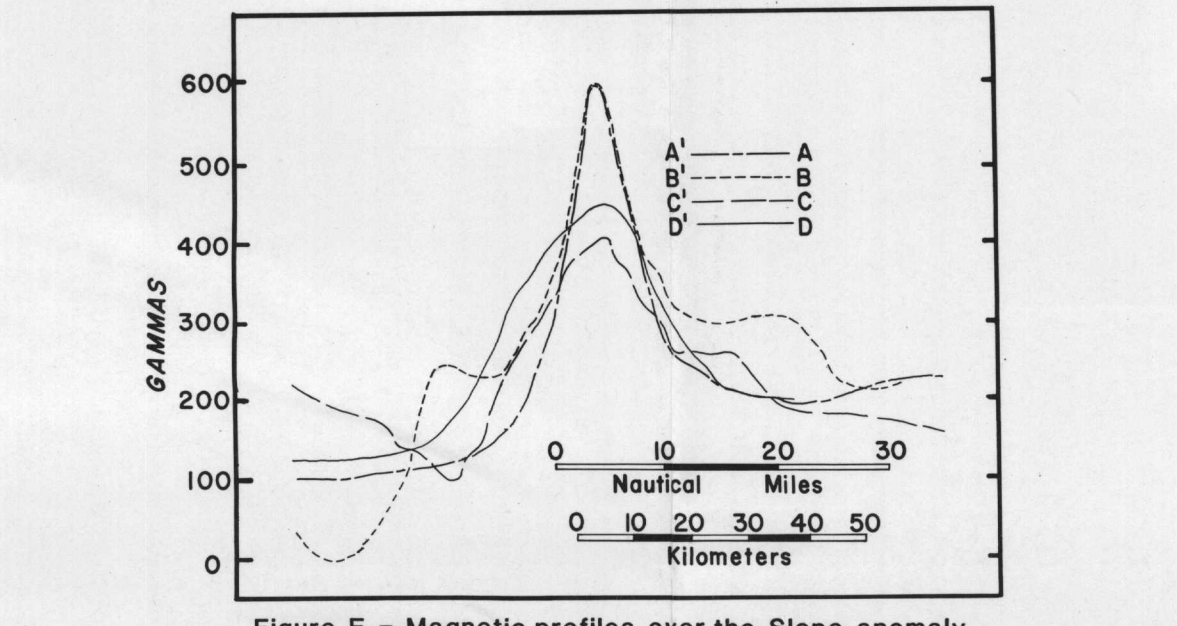
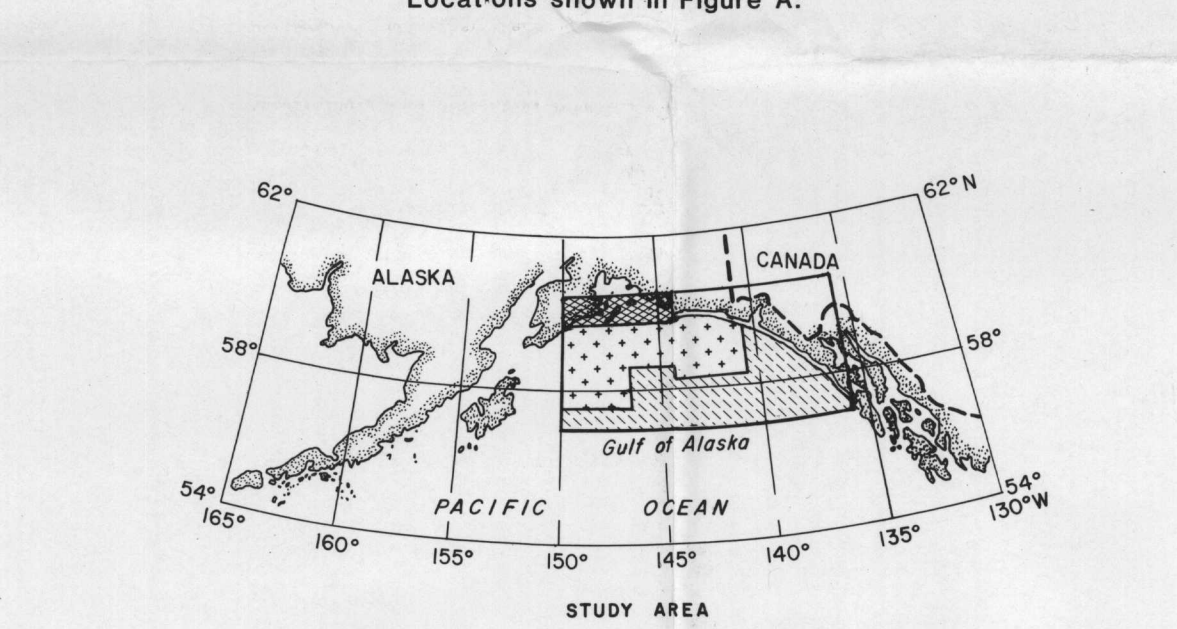Figure E — Magnetic profiles over the Slope anomaly. Locations shown in Figure A.

STUDY AREA

INTRODUCTION

This report presents a structural interpretation of magnetic lineaments in the Gulf of Alaska south of 57°N.

GEOLOGIC SETTING

MAGNETIC LINEAMENTS

Slope anomaly

Magnetic lineaments of the Continental Shelf

REFERENCES

MAPS SHOWING STRUCTURAL INTERPRETATION OF MAGNETIC LINEAMENTS IN THE NORTHERN GULF OF ALASKA

By

William C. Schwab, Terry R. Bruns, and Roland von Huene

1980